

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("6737726") or ("6653193"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/01 11:29
L2	3529	257/528-530,536,209,245,330.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/01 11:29
L3	1883	2 and @ad<"20001208"	US-PGPUB; USPAT	OR	ON	2005/12/01 11:35
L4	1277	3 and resistance	US-PGPUB; USPAT	OR	ON	2005/12/01 11:30
L5	1026	4 and (gate or electrode)	US-PGPUB; USPAT	OR	ON	2005/12/01 11:30
L6	106	((opening or trench or hole or recess or aperture) and sidewall and (dielectric or insulating or insulative or insulator) and resistance and (memory or variable)).clm.	US-PGPUB; USPAT	OR	ON	2005/12/01 11:32
L7	35	6 and @ad<"20001208"	US-PGPUB; USPAT	OR	ON	2005/12/01 11:35
L8	184	(terry near3 gilton)	US-PGPUB; USPAT	OR	ON	2005/12/01 11:35
L9	36	8 and @ad<"20001208"	US-PGPUB; USPAT	OR	ON	2005/12/01 11:36

US-PAT-NO: 4553005

DOCUMENT-IDENTIFIER: US 4553005 A

TITLE: Trigger operated electric switch

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Claims Text - CLTX (16):

a speed control circuit contained in said second housing section for varying power supplied to a load device through said switch, said speed control circuit including a variable resistor and means electrically connecting said speed control circuit to a respective stationary contact;

Claims Text - CLTX (17):

an aperture in said first housing section communicating between said actuator and said variable resistor; and

Claims Text - CLTX (18):

means connecting said actuator and said variable resistor through said aperture for varying the resistance in said speed control circuit as a function of trigger depression.

Claims Text - CLTX (29):

said pin being driven axially within said actuator opening in response to rotation of said knob for causing an opposite end of said pin to extend a variable distance beyond said actuator for abutment with an interior surface of an endwall of said housing for limiting depression of said trigger.

US-PAT-NO: 3609623

DOCUMENT-IDENTIFIER: US 3609623 A

TITLE: VARIABLE RESISTANCE CONTROL HAVING HINGED BASED MEMBER

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Claims Text - CLTX (1):

1. A variable resistance slide control comprising a housing having a top member and a bottom member spaced from the top member, an elongated resistance element and a conductive element disposed in the housing between said members, terminal means connected to the elements, a pair of spaced dielectric side members hingedly secured to one of said top and bottom members and disposed between the top and bottom members, the resistance and conductive elements being disposed between the side members, each of the side members being provided with a channel, a slider having a pair of spaced runners received in the channels, said runners supporting the slider a predetermined distance from the resistance and conductive elements, contactor means carried by the slider wipably engaging the elements, and operating means connected to the slider and extending outwardly of the housing.

Claims Text - CLTX (2):

2. The variable resistance control of claim 1, wherein one of said members is provided with an opening, the operating means extends outwardly of the housing through said opening, the bottom member is of electrically nonconductive material, and a pair of hinges having a thickness less than the thickness of the bottom member and integral therewith connect the side members to the bottom member.

Claims Text - CLTX (3):

3. In a variable resistance control the combination comprising an elongated housing having top and bottom walls and a pair of sidewalls, one of said walls being provided with an elongated slot, a pair of conductive elements disposed in the housing, a pair of resistance elements disposed in the housing on opposite sides of a plane passing through the slot and dividing the housing into two sections, terminals connected to the ends of the conductive and resistance elements, an electrically nonconductive insert fixedly secured to the housing comprising a resilient bottom member adjacent to the bottom wall

and a pair of resilient side members hingeably secured to the bottom member and adjacent to the sidewalls, each of the side members being provided with first guide means having bearing surfaces parallel to the bottom member, a slider disposed in the housing, a pair of second guide means integral with the slider and having bearing surfaces engaging the first guide means for supporting the slider in the housing, contactor means carried by the slider and wipably engaging the elements, operating means connected to the slider and passing through the slot for uniformly moving the slider.

Claims Text - CLTX (5):

5. A **variable resistance** slide control comprising a housing having a top member and a bottom member spaced from the top member, and elongated **resistance** element and a conductive element disposed between said members, terminal means connected to the elements, a contactor wipably engaging the elements intermediate the ends thereof, dielectric slider means constrained to move with the contactor means, dielectric slider-supporting means disposed between the top and bottom members, the slider-supporting means comprise a pair of resilient dielectric side members integral with and hingedly secured to the bottom member, one of said means being provided with a channel, and channel receiving means connected to the other means for uniformly guiding the slider means.

Claims Text - CLTX (6):

6. The **variable resistance** control of claim 5, wherein each of the side members is provided with a channel and the channel receiving means comprises a pair of runners on opposite sides of the slider.

Claims Text - CLTX (7):

7. The **variable resistance** control of claim 5, wherein tolerance compensators are carried by the slider means for stabilizing movement of the slider during rectilinear movement thereof.

Claims Text - CLTX (8):

8. The **variable resistance** control of claim 5, wherein the channels are formed in the slider-supporting means, the channel receiving means are connected to opposite sides of the slider means and tolerance compensators are provided on the ends of the channel receiving means for stabilizing movement of the slider during rectilinear movement thereof.

Claims Text - CLTX (9):

9. In a **variable resistance** slide control, the combination of a slider, a support member of dielectric material supporting and guiding the slider, means

for moving the slider relative to the member, said support member comprising a resilient bottom member, a pair of resilient side members, means hingedly connecting each of the side members to the bottom member, guide means extending along each of the side members, said side members extending normal to the bottom member, resistance and conductive elements supported by the support member, and contactor means constrained to move with the slider and wipably engaging the elements.

Claims Text - CLTX (12):

of runners connected to the slider are receivable in the channel. 13. A variable resistance slide control comprising a housing having a top member and a bottom member spaced from the top member, one of said members being provided with an opening, an elongated resistance element and a conductive element disposed in the housing between said members, terminal means connected to the elements, a pair of spaced dielectric side members disposed between the top and bottom members, the resistance and conductive elements being disposed between the side members, each of the side members being provided with a channel, a slider having a pair of spaced runners received in the channels, said runners supporting the slider a predetermined distance from the resistance and conductive elements, contactor means carried by the slider wipably engaging the elements, tolerance compensators integral with the runners for stabilizing movement of the slider during rectilinear movement of the slider in the housing, and operating means connected to the slider and extending outwardly of the

Claims Text - CLTX (13):

housing through said opening. 14. The variable resistance control of claim 13, wherein the runners extend longitudinally beyond the body of the slider and the tolerance compensators extend outwardly and downwardly from the end portions of the runners.